

IN THE ABSTRACT

Please amend the abstract as follows:

Abstract of the Invention

(j) ABSTRACT OF THE INVENTION

The invention is a method of allocation allocating a computer to service a request for a data set in a system having a plurality of computers. The method is implemented on a neural having at an input layer having input nodes and an output layer having output nodes, where each output node is associated with a specific computer. Connecting the input nodes to the output nodes are weights $w(j,k)$. Each output node is associated with a computer in the system, and the inputs to the input nodes are dependent upon the number of requests for specific pages. The method includes the following steps:

- (a) receiving a request for particular data set I;
- (b) imputing to the input layer an input vector having an entry $R(I)$ at input node I,
the entry $R(I)$ being dependent upon the number of requests for the requested data over a predetermined period of time;
- (c) selecting a computer assignment associated with one of the output nodes to service said data request, where the output node selected is associated with a specific, the specific weight selected to minimize a predetermined metric measuring the distance between the vector entry $R(I)$ and the weights (I,k) .